

RESPONSE AFTER FINAL REJECTION
EXPEDITED PROCEDURE - RULE 116

Application No. 10/756,711
Attorney ref. 62099.US
Client ref. EJ-7563

AMENDMENTS TO THE CLAIMS:

1. (CURRENTLY AMENDED) A gear oil composition comprising the following components:

Component A: a base oil having a kinematic viscosity at 100°C of about 4 to about 32 cSt;

Component B: ~~a hydrocarbyl polysulfide~~ an alkyl di-sulfide, alkyl tri-sulfide, alkyl tetra-sulfide,
or mixtures thereof with a sulfur activity of greater than about 125 mg in the Copper Corrosion Test;

Component C: a dihydrocarbyl dithiophosphate ester or salt; and

Component D: a dihydrocarbyl (mono)thiophosphate amine salt.

2. (CANCELED)

3. (CURRENTLY AMENDED) ~~The gear oil of claim 1, wherein Component B~~ A gear oil composition comprising the following components:

Component A: a base oil having a kinematic viscosity at 100°C of about 4 to about 32 cSt;

Component B: comprises a di-t-butyl polysulfide with a sulfur activity of greater than about 125
mg in the Copper Corrosion Test;

Component C: a dihydrocarbyl dithiophosphate ester or salt; and

Component D: a dihydrocarbyl (mono)thiophosphate amine salt.

4. (ORIGINAL) The gear oil of claim 3, wherein said di-t-butyl polysulfide comprises less than about 3.5 percent by weight of the gear oil.

5. (CURRENTLY AMENDED) ~~The gear oil of claim 1, wherein Component C~~ A gear oil composition comprising the following components:

Component A: a base oil having a kinematic viscosity at 100°C of about 4 to about 32 cSt;

Component B: a hydrocarbyl polysulfide with a sulfur activity of greater than about 125 mg in the
Copper Corrosion Test;

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Component C: comprises the product of the mixture of dicyclopentadiene and dialkylthiophosphoric acid, wherein the weight percentage of Component C is about 0.1 to about 6.0 percent of the oil; and

Component D: a dihydrocarbyl (mono)thiophosphate amine salt,

6. (CANCELED)
7. (ORIGINAL) The gear oil of claim 1, wherein Component D is essentially free of phosphites.
8. (ORIGINAL) The gear oil of claim 1, wherein Component D comprises the product of the mixture of dibutylhydrogen phosphite, sulfur and at least one amine.
9. (ORIGINAL) The gear oil of claim 7, wherein the weight percentage of Component D is about 0.01 to about 1.0 percent of the oil.
10. (ORIGINAL) The gear oil of claim 1 further comprising at least one of:
a copper corrosion inhibitor, a rust inhibitor and an antifoam agent.
11. (ORIGINAL) The gear oil of claim 1 further comprising:
a boronated ashless dispersant.
12. (ORIGINAL) The gear oil of claim 11 wherein said dispersant is a succinimide
13. (ORIGINAL) The gear oil of claim 11 wherein said dispersant is a Mannich base dispersant.